Morone saxatilis
analysis missing

Do repeat
that for
flavanol
analysis

8369

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2369	032	01 15 74	28 AG	3545	7529

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0007	08	—	11	009	N	SW	15

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	MC	SA	E	FT	151	—	17	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	05000	0001	—	00012

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	35° 45'	75° 29'	1353	2961	7		1642	16414
							PU	ON
FINISH	35° 46'	75° 30'	1361	2964	5		1714	1717

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
100	1309/5 2	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

Towed in circle 3/4 of Tow

OBSERVATIONS

Hickory Shad + Stripers

R/V DAN MOORE SPECIES LIST

STATION NUMBER 2369 DATE JAN 15 19 74 IDENTIFIED BY BFH ARF

TOTAL CATCH WT. 5,000 SUBSAMPLE WT. — NO. BASKETS —

Wing Trawl

SPECIES	NUMBER	WEIGHT	DATA TAKEN *
Cynoscion regalis		300#	Length-frequency see 2nd sheet
See raw data sheet for			
Squalus acanthius		40%	
Raja eglanteria		5#	
Scophthalmous aquosus		1#	
Squid (small)		—	Kept for ID (did not look at) ✓
Limulus polyphemus		10#	
Crab (Libinia like)	Libinia emarginata 4	—	Kept for ID OK ✓
Loligo pealii		2#	
M. saxatilis	85	30%	39 for analysis, 46 overboard
Sea robin (sp.?) Juv.	1	—	
Tautoga onitis	1	3#	
P. dentatus	7	3#	Kept for analysis
Leiostomus xanthurus		200#	(Juveniles)
Trichiurus lepturus		3#	
Urophycis regius		1#	
Centropristis striatus		1#	
Brevoortia tyrannus		2#	
Alosa mediocris	9	5#	Kept for analysis
Bairdiella chrysura	-	1#	
Menticirrhus saxatilis	Few	1#	
Anchoa hepsetus	Few	—	
Ovallipes ocellatus	1		

*Include type of data taken, i.e length, weight, scales, gonads, saved for identification, etc.

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Wing Trawl

R/V DAN MOORE SPECIES LIST

STATION NUMBER 2369 DATE January 15 19 74 IDENTIFIED BY _____

TOTAL CATCH WT. 5000 SUBSAMPLE WT. _____ NO. BASKETS _____

Air 11°C - Surf. 8°C

SPECIES	NUMBER	WEIGHT	DATE TAKEN *
Cynoscion regalis		300#	Small - Large fry
Squalis acanthus		20#	
Raja eglanteria		5#	
Scopthalmeus aqueosus		1#	
Small squid			kept for ID
Limulus polyphemus		10#	
Libinia like crab			kept for ID
Loligo pealii		2#	
Lopius americanus		15#	
Rock		50 %	
Tautog	1	3#	1 39 46
P. dentatus		3#	
Spot		200+	two 82
Cutlass fish		3#	
U. regius		1#	
Centropristis striata		1#	
Menhaden		2#	
Weakfish Stud	8	5#	kept
Bairdiella chrysura		1#	
Menticirrhus saxatilis	few	1#	
Orthopristis chrysoptera	few	—	

*Include type of data taken, i.e length, weight, scales, gonads, saved for identification, etc.

Trout (TL) Cynoscion regalis (subsample)

165	155	153	172	152	122	160
149	140	145	140	145	125	127
147	127	165	137	149	140	131
151	120	138	172	154	149	130
162	140	147	142	137	132	161
149	124	133	138	152	143	134
145	146	141	205	155	153	160
150	135	127	154	172	130	139
145	135	162	185	143	178	127
162	154	148	143	153	145	160

126	144	155
150	123	135
155	147	165
168	173	138
129	127	135
164	135	143
145	137	120
145	168	189
122	145	115
160	162	111

14,746 100

Length-frequency distribution (subsample)

Species: Cynoscion regalis

Station: #2369

Note: #2368 about similar size also #2366

Date: January 15, 1974

Locality:

FL.	Unsexed.	
100-109		
110-	II	(2)
120-	⧸⧸⧸ ⧸⧸⧸ II	(12)
130-	⧸⧸⧸ ⧸⧸⧸ ⧸⧸⧸ III	(18)
140-	⧸⧸⧸ ⧸⧸⧸ ⧸⧸⧸ ⧸⧸⧸ ⧸⧸⧸ III	(28)
150-	⧸⧸⧸ ⧸⧸⧸ ⧸⧸⧸ I	(16)
160-	⧸⧸⧸ ⧸⧸⧸ ⧸⧸⧸	(15)
170-	⧸⧸⧸	(5)
180-	II	(2)
190-		
200-	II	(2)
210-		
220-		
230-		
240-		
250-		
260-		
270-		
280-		
290-		
300-		
310-		
320-		
330-		
340-		
350-		
360-		
370-		
380-		
390-		
400-		
410-		
420-		
430-		
440-		
450-		
460-		
470-		
480-		
490-		
500-		
510-		
520-		
530-		
540-		
550-		
560-		
570-		
580-		
590-		

FL.
600-
610-
620-
630-
640-
650-
660-
670-
680-
690-
700-
710-
720-
730-
740-
750-

$N = 100$

$\Sigma_{FL} = 14,746$

$\bar{X}_{FL} = 147.5$ (5.8")

Hickory Shad

Station	Date	Fork length (mm)	Weight (g)	Sex	Scales	Age	Spawning Marks	Stage	H. Shad #
2365	1-10-74	1/347	—	♀	✓	3A-1St=5	1	II	1
2869	1-15-74	337	640	♂	✓	3A-2St=6	2	III	2
do.	"	297	424	♀	—	—	—	II	3
do.	"	342	639	♀	✓	unreadable	—	II	4
do.	"	389	916	♀	✓	4A-2St=7	2	III	5
do.	"	285	370	♀	—	—	—	II	6
do.	"	357	770	♂	—	—	—	III	7
do.	"	410	1270	♀	✓	3A-2St=6	2	III	8
do.	"	346	642	♂	✓	unreadable	—	III	9
do.	9/3106	343	666	♂	✓	3A-3St=7	3	III	10
2370	1-16-74	361	824	♀	✓	3A-2St=6	2	III	11
do.	"	337	645	♂	✓	2A-2St=5	2	III	12
		2/698							
2468	4/11/74	338	452	♂	✓	3A-2St=6	2	-	13
"	"	198	100	♀	✓	2A+=3	0	Imm.	14
"	"	210	110	♀	✓	2A+=3	0	Imm.	15
"	"	189	78	♀	✓	2A+=3	0	Imm.	16
		4/935							

Species: P. decaTaTus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks WT IN grams	
1-49	171	♂	✓	—				—	~~2365~~ 2366	50	Area I
1-50	185	♂	✓	—				—	〃	65	Jan 1974
1-51	195	♀	✓	—				I	〃	75	
1-52	194	♀	✓	—				I	〃	70	✓
1-53	156	I	✓	—				—	〃	35	
1-54	169	♀	✓	—				I	〃	50	
1-55	204	♀	✓	—				I	〃	85	
1-56	216	♂	✓	—				—	~~2353~~ 2354	105	See Above Area III Jan 1974
1-57	201	♂	✓	—				—	〃	95	
1-58	221	♀	✓	—				I	〃	105	
1-59	358	♀	✓	—				I	2369	460	✓ Area II
1-60	360	♀	✓	✓				II(2.1)	〃	525	Jan 1974
1-61	219	♀	✓	—				I	〃	115	
1-62	213	♂	✓	—				—	〃	100	
1-63	213	♀	✓	—				I	〃	100	
1-64	196	♂	✓	—				—	〃	75	
1-65	189	♂	✓	—				—	〃	70	
1-66	229	♀	✓	—				I	2358-2361	120	Area II Jan 1974
1-67	208	♂	✓	—				—	〃	95	
1-68	254	♀	✓	—				I	〃	155	
1-69	222	♀	✓	—				I	〃	115	
1-70	256	♀	✓	—				I	〃	175	
1-71	246	♂	✓	—				—	〃	155	
1-72	300	♂	✓	—				—	〃	275	
1-73	201	♀	✓	—				I	〃	85	
1-74	198	♂	✓	—				—	〃	85	
1-75	217	♂	✓	—				—	〃	105	see above
1-76	223	♀	✓	—				I	〃	125	
1-77	243	♀	✓	—				I	〃	155	
1-78	238	♂	✓	—				—	〃	135	
1-79	230	♀	✓	—				I	〃	125	
1-80	220	♂	✓	—				—	〃	110	
1-81	245	♀	✓	—				I	〃	155	
1-82	244	♀	✓	—				I	〃	130	
1-83	204	♀	✓	—				I	〃	95	
1-84	204	♀	✓	—				I	〃	90	
1-85	195	♂	✓	—				—	〃	70	
1-86	203	♀	✓	—				I	〃	90	
1-87	310	♂	✓	—				—	2349	340	Area III
1-88	392	♀	✓	✓				III(5.6)	〃	685	Jan 1974
1-89	227	♂	✓	—				—	2368	135	✓ Jan 1974 Area I
1-90	213	♂	✓	—				—	〃	95	
1-91	222	♂	✓	—				—	〃	135	
1-92	210	♀	✓	—				I	〃	110	

2369